PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF 50% INTEREST

CONVEYING PARTY DATA

Name	Execution Date
Mag Co., Ltd.	11/24/2010

RECEIVING PARTY DATA

Name:	Panasonic Corporation
Street Address:	1006, Oaza Kadoma
City:	Kadoma-shi, Osaka
State/Country:	JAPAN
Postal Code:	571-8501

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7846371

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Joseph P. Carrier

Total Attachments: 1

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OP \$40.00 7846;

PATENT REEL: 025497 FRAME: 0909 In consideration of value received.

Mag Co., Ltd.

hereinafter referred to as "Assignor", sell and assign to

PANASONIC CORPORATION

a corporation of Japan, having a place of business at

1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

, respectively, its successors, assigns or nominees, hereinafter referred to as "Assignee", 50% of the entire right, title and interest in and to an invention entitled:

> Method For Producing Glass Wool Molded Product, Glass Wool Molded Product, And Vacuum Insulation Material

invented by the Assignor and as described in the following:

U.S. Patent Application 11/921,806, 371 filing date 16 October 2008, National Phase of PCT/JP2005/019496 filed 24 October 2005

(Serial No. and filing date unknown at time of signing, however, Applicant's representative is specifically authorized to insert the relevant serial No. and filing date in the space above as soon as it becomes known) and in and to all applications for patent for said invention in all countries, and all divisions, reissues, continuations and extensions of any of said applications, and all rights of priority resulting from the filing of any said applications; and Assignor authorizes and requests any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and Assignor agrees that on request and without further consideration, but at the expense of said Assignee, Assignor will communicate to said Assignee or its representatives any facts known to Assignor respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce a proper patent protection for said invention in the United States.

Subscribed and executed at	Tolyo Jo	ypan_	
ds 4	(City and Coun))	
24 Movember 2010			
Date	Assignor – MAÖ CO., LTD., by François-Xavier LIENHART, President		

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee

Signature

Dac. 6, 20/0

Hiroki NAITO

Director, IP Development Center Authorized Signing Officer

Printed or Typed Name

Note: After recording in the Patent and Trademark Office, please return this Assignments,

Blackman & Associates, P.C., 43440 W. Ten Mile Rd., Novi Michigan 7 FRAME: 0910 **RECORDED: 12/15/2010**